Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Tuesday 12 Sep 2023 until 23:59 on Wednesday 13 Sep 2023

Forecast Issued on Tuesday 12 Sep 2023 at 05:23

Confidence: High for a transition from the recent warm and humid weather to more changeable and cooler conditions. Lower confidence in the clearance time of heavy rain and cloud Tuesday. Low confidence in cloud and precipitation details from Thursday.

Headline for Tuesday 12 Sep 2023: Rather wet morning with outbreaks of heavy rain. Turning lighter and more showery from late morning before gradually clearing to brighter spells later.

Mountain weather hazards on Tuesday 12 Sep 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** High Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Light rain	Light rain	Sunny intervals	Clear night
Precipitation probability					
90%	50%	40%	30%	20%	<05%

Forecast for Tuesday 12 Sep 2023

Weather: Overnight rain will persist for much of the morning, particularly across southern Dales. Outbreaks of heavy rain likely at times, with an outside chance of a rumble of thunder. This area of rain will largely clear to the southeast by late morning with drier, and fresher conditions gradually becoming established. Showery rain may linger in places through the afternoon, with the best of the brightness across northern and western routes.

Chance of cloud-free hill tops above 600m: 30% increasing from the northwest to 80% by mid-afternoon.

Low Cloud and visibility: Widespread low cloud with bases around 400m, perhaps covering lower slower slopes in the southwest initially. Bases will gradually lift above 600m, lifting clear of highest summits during the afternoon as rain turns more showery, although there remains low confidence in timings. Clear skies later. Visibility will be poor in rain, very poor in heavier downpours and any drizzly bursts. Visibility improving to very good as cloud and rain clears.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Tuesday 12 Sep 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/17 NE	13/20 NE	14/21 NE	14/21 NE	13/21 NE	12/20 NE	10/18 NE
300	9/18 NE	14/24 NE	16/26 NE	13/23 NE	10/22 NE	9/22 NE	7/19 NE
Valley	10/21 NE	16/28 NE	15/27 NE	14/26 NE	10/22 NE	9/22 NE	5/16 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/7	9/6	9/6	9/6	9/6	8/5	7/4
300	12/10	12/9	12/9	12/10	11/9	9/7	8/6
Valley	13/11	13/10	14/11	14/11	13/11	10/8	9/8
Freezing Level*	2800m	2700m	2300m	2200m	1900m	1600m	1500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A rather wet morning with low cloud making for challenging navigation at times. Heavy rain may lead to some watercourses becoming swollen and surfaces turning slippery underfoot. Note low confidence in cloud details.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Tue 12 Sep 2023	7.4mm	8.6mm	8.8mm

Forecast for Wednesday 13 Sep 2023

Weather: A chilly start under clear skies overnight. Isolated patches of mist and fog forming in valleys during the early hours will clear to leave a widely sunny and dry day. Cloud thickening from the west turning late-afternoon sunshine increasingly hazy ahead of rain arriving overnight. Risk of a few patches of drizzle on western slopes by midnight. Temperatures around normal for early autumn, but feeling notably cooler and fresher than of late, especially at height.

Maximum wind: East or northeast 15-20mph becoming south 15-20mph gusting 30mph later.

Chance of cloud-free hill tops above 600m: 90%, lowering to 70% in the far west towards midnight.

Low Cloud and visibility: Scraps of cloud may briefly touch summits as any fog or mist lifts and clears. Bases of fair weather cloud forming above all but the highest tops, soon rising above. Cloud is expected to thicken and lower during the evening to around 800m, before lowering further overnight. Visibility briefly very poor in any early mist or fog, and again in any late drizzle. Otherwise visibility will be good or very good with excellent clarity of distant hills.

Temperature: **Valleys:** Plus 8 Celsius becoming plus 17 Celsius.
At 600m: Plus 6 Celsius becoming plus 11 Celsius.
Freezing level: Above the summits.

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